Under the Apperwork Reduction Act of 1995, no persons are required to re	U.S. Patent and Tra	pproved for use through 07/ demark Office; U.S. DEPAR	RTMENT OF COMMERCE			
Effective on 12/08/2004.		Complete if Known	<u> </u>			
rees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Application Number	10/019,543				
FEE TRANSMITTAL	Filing Date	April 9, 2002				
For FY 2005			) ot 2			
101112003			r, et a.			
Applicant claims small entity status. See 37 CFR 1.27		Ramin Akhavan				
TOTAL AMOUNT OF PAYMENT (\$) 750.00	Art Unit	1636				
	Attorney Docket No.	12218/3				
METHOD OF PAYMENT (check all that apply)						
Check Credit Card Money Order None Other (please identify):						
·	Deposit Account N	-	/on			
For the above-identified deposit account, the Director is her	reby authorized to: (check	all that apply)				
✓ Charge fee(s) indicated below	✓ Charge fee(s)	indicated below, excep	ot for the filing fee			
Charge any additional fee(s) or underpayments of fe	e(s) Credit any ov	erpayments				
under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card inf	<u> </u>		de credit card			
information and authorization on PTO-2038.						
FEE CALCULATION						
BASIC FILING, SEARCH, AND EXAMINATION FEES     FILING FEES						
Small Entity Application Type Fee (\$) Fee (\$)	Small Entity Fee (\$) Fee	Small Entity (\$) Fee (\$)	Fees Paid (\$)			
Utility 300 150 500	250 200	0 100				
Design 200 100 100	50 130	0 65				
Plant 200 100 300	150 160	0 80				
Reissue 300 150 500	250 600	0 300				
Provisional 200 100 0	0	0				
2. EXCESS CLAIM FEES Small Entity Fee Description Fee (\$) Fee (\$)						
Each claim over 20 (including Reissues)		50	25			
Each independent claim over 3 (including Reissues)		200	100			
Multiple dependent claims <u>Total Claims</u> <u>Extra Claims</u> <u>Fee (\$)</u> <u>Fee</u>	360 Multiple Deper	180 ndent Claims				
27 - 24 or HP = 3 x 50 =	Fee (\$)	Fee Paid (\$)				
HP = highest number of total claims paid for, if greater than 20.	150					
Indep. Claims	• Paid (\$) 600					
HP = highest number of independent claims paid for, if greater than 3.						
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer						
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50						
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - 100 = /50 = (round up to a whole number) x =						
4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Fees Paid (\$)						
Other (e.g., late filing surcharge):						
SUBMITTED BY						
Signature Registration No. 48,361 Telephone 202.220.4200						

SUBMITTED BY				
Signature	bassardra J	Swain	Registration No. (Attorney/Agent) 48,361	Telephone 202.220.4200
Name (Print/Type	Cassandra T. Swain, Ph.D.			Date May 6, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.